

Docket No. SA-537

Exhibit No. 6-N

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

Attachment 13 – Emergency Response Timeline

(4 Pages)

GPS Time	Event	Source
11:27:48	Initial impact with sea wall	Airport Video C225
11:28:01	Second impact after airplane became airborne	Airport Video C225
11:28:03 (est)	Airplane came to a stop	Airport Video C225
11:28:36	Black smoke observed rising from right side of fuselage	Airport Video C225
11:29:12	First passenger seen moving away from airplane behind fuselage	Airport Video C225
11:29:35	Multiple passengers seen moving away from airplane behind fuselage	Airport Video C225
11:29:39	Door 2L opened and slide/raft began to deploy	Airport Video C225
11:29:40	Door 1L opened and slide/raft began to deploy	Airport Video C225
11:29:44	Door 2L slide/raft fully inflated	Airport Video C225
11:29:47	Door 1L slide/raft fully inflated	Airport Video C225
11:29:48	First occupant seen using 2L slide/raft	Airport Video C225
11:29:52	First occupant seen using 1L slide/raft	Airport Video C225
11:30:16	Airport Operations pickup truck arrived on left side of airplane	Airport Video C225
11:30:49	Second Airport Operations vehicle arrived on right side of airplane and parked near tail at 5 o'clock position	Airport Video C225
11:31:10	3-4 occupants seen evacuating door 1L and slowly sliding down slide/raft	Airport Video C225
11:31:11	Rescue 88 began applying extinguishing agent from nose of airplane	Airport Video C225
11:31:32	Number 1 engine fire bottle discharged; white smoke seen venting from left engine area for 6 seconds	Airport Video C225
11:31:48	Two streams of extinguishing agent seen coming from near nose of airplane (Rescue 9 arrival)	Airport Video C225
11:32:10	Passengers no longer evacuating from doors 1L and 2L	Airport Video C225
11:32:22	Engine 33 arrived on scene on taxiway F, continued straight past taxiway N	Airport Video C225
11:32:23	Panel thrown outside from 2L door	Airport Video C225
11:32:30	Rescue 11 (no HRET) arrived on-scene on taxiway F and made left turn onto taxiway N; followed closely Rescue 91 that continued straight on taxiway F	Airport Video C225
11:32:39	Rescue 10 (w/ HRET) arrived on-scene on taxiway F, continued straight past taxiway N	Airport Video C225
11:32:43	Rescue 9 began repositioning from nose around left wing to position near door 4L (crossed in front of R10 - arrived near 4L at 11:33:20)	Airport Video C225
11:32:46	Rescue 93 arrived on taxiway F and continued through intersection with taxiway N	Airport Video C225
11:32:57	Rescue 44 (aerial ladder) arrived on scene on taxiway F, continued straight past taxiway N on F	Airport Video C225
11:33:02	Engine 56 arrived on scene on taxiway F continued straight past taxiway N on F	Airport Video C225

11:33:49	Airfield Safety Officer approached Rescue 10 with group of flight attendants	Rescue 10 On-board Camera
11:33:55	Individual climbed 2L slide/raft and entered airplane	Airport Video C225
11:34:01	Individual climbed 1L slide/raft and entered airplane	Airport Video C225
11:34:05	Individual climbed 2L slide/raft	Rescue 10 On-board Camera
11:34:13	Gray smoke observed coming from inside door 1L	Airport Video C225
11:34:20	Passenger bus started	CAD System Report
11:34:42	One occupant evacuated 2L	Airport Video C225
11:33:25	Individual climbed 2L slide/raft	Airport Video C225
11:35:07	Rescue 56 drove westbound up runway 28L to position at 2 o'clock	Airport Video C225
11:35:26	Individual climbed 2L slide/raft and entered airplane	Airport Camera C225/ R10 On-board Camera
11:35:36	Male firefighter walked to bottom of 2L slide/raft	Rescue 10 On-board Camera
11:35:40	Rescue 56 arrived at 3 o'clock	Airport Video C225
11:35:41	Individual walked down 2L slide/raft and appeared engaged in conversation with firefighter	Airport Video C225
11:35:42	Rescue 9 and Rescue 10 repositioned - R9 closer to door 2L and R10 closer to tail	Airport Camera C225/ R10 On-board Camera
11:35:43	Two small vehicles (pickup/van) drove down taxiway F	Airport Video C225
11:36:10	Engine 33 repositioned from Taxiway F to in front of 1L slide/raft	Airport Video C225
11:36:20	2-3 occupants evacuate from door 2L (at least one appears to fall onto slide/raft)	Airport Video C225
11:36:30	Engine 33 arrived near 1L slide/raft	Airport Video C225
11:36:31	1st off-airport ambulance arrived following police car	Airport Video C225
11:36:23	ADM Wilson arrived on-scene	CAD System Report
11:36:50	R10 moved into position to foam left wing; victim's body is pointed out to driver by firefighter on the ground	Rescue 10 On-board Camera
11:37:11	San Bruno responders arrived at Gate 82	CAD System Report
11:37:18	R65 requested a large bus to transport passenger who had already evacuated	CAD System Report
11:37:19	R44 repositioned to 11 o'clock	Airport Video C225
11:37:38	Group of people observed on 2L slide/raft	Airport Video C225
11:37:40	R33 hoseline laid out by firefighter	Airport Video C225
11:37:49	Group of individuals evacuating from door 2L	Airport Video C225
11:38:37	Three firefighters climbed 2L slide/raft	Airport Video C225
11:38:46	Officer Cunningham reported that all passengers were out of the airplane and crewmembers were about to evacuate	CAD System Report

11:40:33	Lt. Caltagirone requested "air buses" to respond	Airport Video C225
11:41:00	R55 radioed to R68 that there were still three people inside the airplane	Airport Video C225
11:41:53	Mobile Command Post arrived	Airport Video C225
11:42:36	Officer Cunningham "just found injured people in the rear of the area"	Airport Video C225
11:44:19	Airplane began to vent; white smoke from roof above and aft door 2L	Airport Video C5119
11:44:27	Black smoke coming from door 3R	Airport Video C5119
11:44:42	Victim extricated from door 4L	Airport Video C5119
11:45:30	Heavy black smoke from 3R	Airport Video C5119
11:46:04	Lt. Caltagirone requested approximately 40 more ambulances	CAD System Report
11:46:09	First visible black smoke coming from tail	Airport Video C5119
11:46:10	Airplane vents above door 2R - heavy black smoke	Airport Video C5119
11:46:38	Backboard carried out of door 4L	Airport Video C5119
11:46:54	R9 leaving tail area	Airport Video C5119
11:47:33	R9 returned shooting water from bumper turret	Airport Video C5119
11:47:31	Per SFFD all passengers were off the airplane	Airport Video C225
11:48:12	R9 unstowed/raised HRET	Airport Video C5119
11:48:31	R9 lowered HRET	Airport Video C5119
11:48:41	R9 backed up	Airport Video C5119
11:48:55	Firefighter got into R10; bumper turret operation began 8 seconds later	Airport Video C5119
11:49:46	R9 raised HRET again	Airport Video C5119
11:50:34	R10 HRET raised	Rescue 10 On-board Camera
11:50:25	Long line of mutual aid vehicles arrived on scene	Airport Video C225
11:50:46	Victim in front of left wing rolled over by Rescue 10	Rescue 10 On-board Camera
11:52:38	ASO Esguerra reported he was with an injured person who was unable to move 100 feet east of the airplane	CAD System Report
11:52:46	ASO Esguerra reported 2 critical patients by the "1000 ft. marker"	CAD System Report
11:52:51	R10 pierced airplane near door 2L	Airport Video C225
11:53:05	ARFF vehicle departed right side for refill	Airport Video C225
11:53:32	R10 Snuzzle withdrawn from airplane (broken)	Airport Video C225
11:53:46	R10 withdrew from position	Airport Video C225
11:53:52	IC Robinson reported an ALS vehicle was responding to the 3 critical patients	CAD System Report
11:54:38	R10 drove away from airplane	Airport Video C225

11:54:42	Officer Lee requested 5 ambulances to respond to passengers with major injuries; "unk[nown] bodies in rear of the aircraft where aircraft landed" - 2 really serious pax w/ major head and face injuries	CAD System Report
11:58:37	Rescue 37 arrived at 1L	Airport Video C225
12:01:11	Rescue 37 departed, rolling over victim in front of left wing	Airport Video C225/Helmet camera
12:01:42	Officer Molver requested 6 ambulances at the rear of the crash site near Rescue 56	CAD System Report
12:06:29	Victim covered with blanket	Helmet camera
12:14:25	Report for Rescue Squad 2 from "plane person" and 4 airplane cabin crewmembers were missing/unaccounted for	Helmet camera
12:15:11	R9 arrived back at 11 o'clock took place of R11	Airport Video C225
12:17:58	Rescue 2 began walking up 1L slide/raft	Helmet camera
12:18:30	Heavy dark smoke had abated after simultaneous attacks from R10 (elevated right side) and R9 (hole left side)	Airport Video C225/Helmet camera
12:23:14	Rescue 2 has searched cockpit with negative results	Helmet camera
12:26:13	Three silver buses arrived on scene with airport operations pickup	Airport Video C225
12:26:58	Radio call to Chief Johnson indicated a member of crew had just informed him the last location of the 4 missing crewmembers was in the rear of the airplane; firefighters from Engine 17 dispatched to try and locate	Helmet camera